

Replacement Specification (Page 1 only)

LBNL Attorney Docket Number IB-2111P1

RECEIVED  
CENTRAL FAX CENTER

MAY 23 2007

PROVISIONAL PATENT APPLICATION

# A GRADE SPECIFIC CLASSIFICATION PROCEDURE FOR PREDICTING OUTCOME OF PATIENTS WITH LATE STAGE SEROUS OVARIAN CANCER

Inventors: Joe W. Gray, a citizen of the U.S., residing in  
San Francisco, California

Anna V. Lapuk, a citizen of Russia, residing in  
Larkspur, California

Wen-Lin Kuo, a citizen of U.S., residing in  
San Ramon, California

## STATEMENT OF GOVERNMENTAL SUPPORT

[001] This invention was made during work supported by the National Cancer Institute, through Grant CA 64602, and during work supported by the U.S. Department of Energy under Contract No. DE-AC02-05CH11231. The government has certain rights in this invention.

## REFERENCE TO TABLES APPENDIX

[002] Table 1 is hereby incorporated by reference in its entirety.

## BACKGROUND OF THE INVENTION

### Field of the Invention

[003] The present invention relates to a set of genomic markers and their copy number and amplification as an indicator of in vivo drug resistance. More specifically, the present invention relates to a grade specific classification procedure for predicting outcome of patients with late stage serous ovarian cancer using the profiles of a set of genomic cancer markers and tumor grade analyses for the prediction of patient outcome in late stage ovarian cancer patients.

Appl. No.: 10/076,727  
Amtd. Dated: 5/26/2005  
Off. Act. Dated: 2/3/2005

We believe that no fees are associated with this submittal.

Date: May 23, 2007

Respectfully submitted,



Michelle Chew Wong, Reg. No. 50,456  
Lawrence Berkeley National Laboratory  
One Cyclotron Road, Mail Stop 90B0104  
Berkeley, CA 94720  
(510) 495-2456